or compressed data in a single download.

Available data layers	File Size
☐ Block Groups 1990	127.2 KB
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☐ CMSA/MSA Polygons 2000	25.7 KB
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ArcData

Your Data File is Ready

You may now download the selected data to your local system. You will receive a .ZIP file containing each selected data layer in compressed shapefile format. Extract each .ZIP file to display the data layers.

The Census 2000 TIGER/Line® data is provided under the terms of the **ESRI Data Disclaimer**. By downloading the data, you are indicating your acceptance of the data disclaimer.

Click **Download File** to retrieve your data file.

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Technical Documentation for PL94-171 and SF1 Data:
U.S. Census PL 94-171(PDF)
U.S. Census Summary File 1 (SF1)(PDF)
ESRI Abbreviated PL 94-171(PDF)
PL 94-171 Quick Reference Guide
SF1 Quick Reference Guide

However, it is likely that during an emergency / BT attack,
not all data will
Be available in electronic format / GIS format

Therefore need to identify data needs

Need to identify GIS skills – those who can get data "in" quickly

Which routes are connected?

Site Plan?

Address of Possible cases?

Digitizing quarantine locations

Agricultural Terrorism

That would have to be collected:

Vaccination status of animals

Detailed transportation network with delivery times

Transportation "hubs" such as market areas

this could be collected by GPS units on milk trucks for example

In the GIS ask questions like

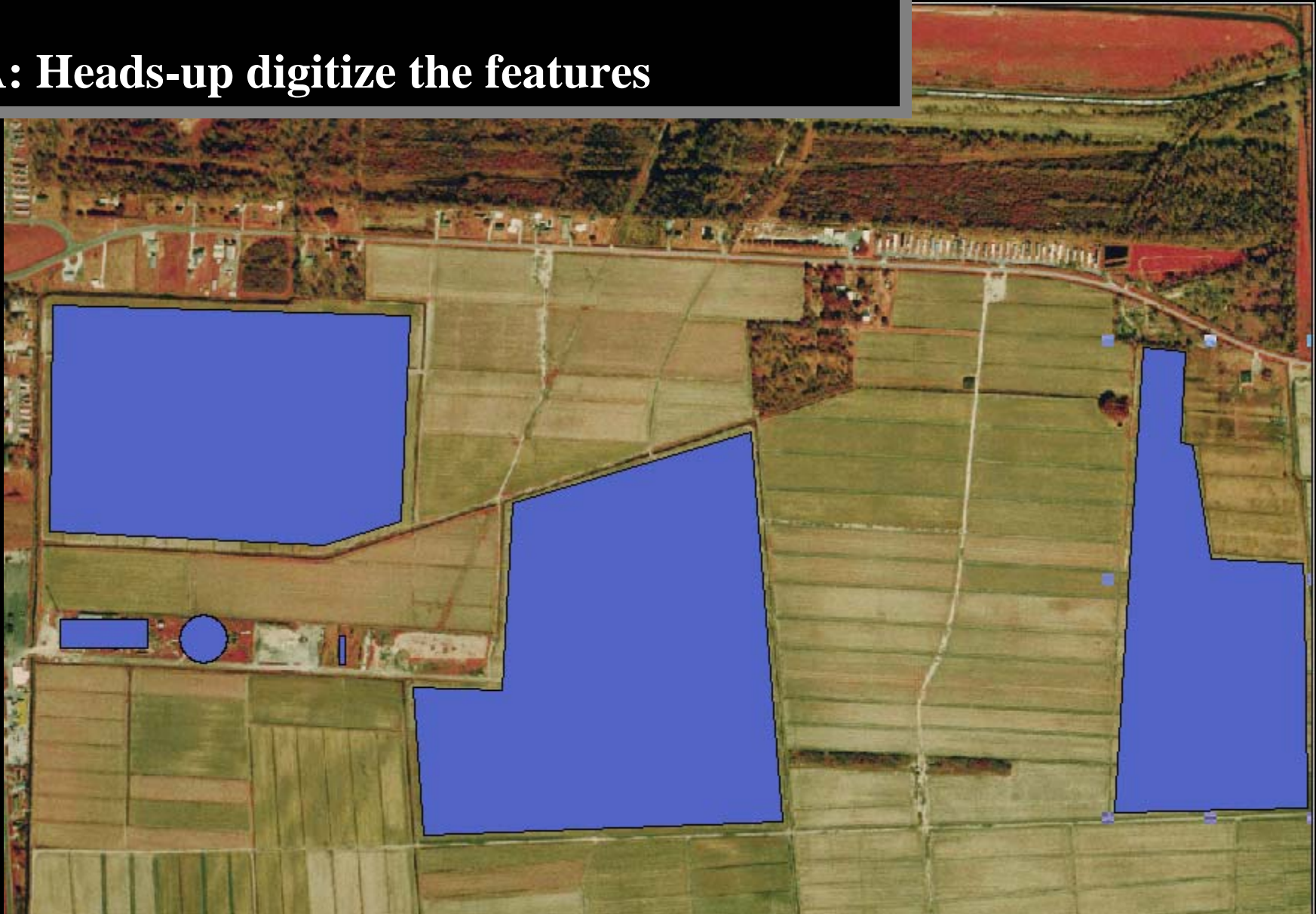*which farms are within 500 meters of this road*
and have not been vaccinated
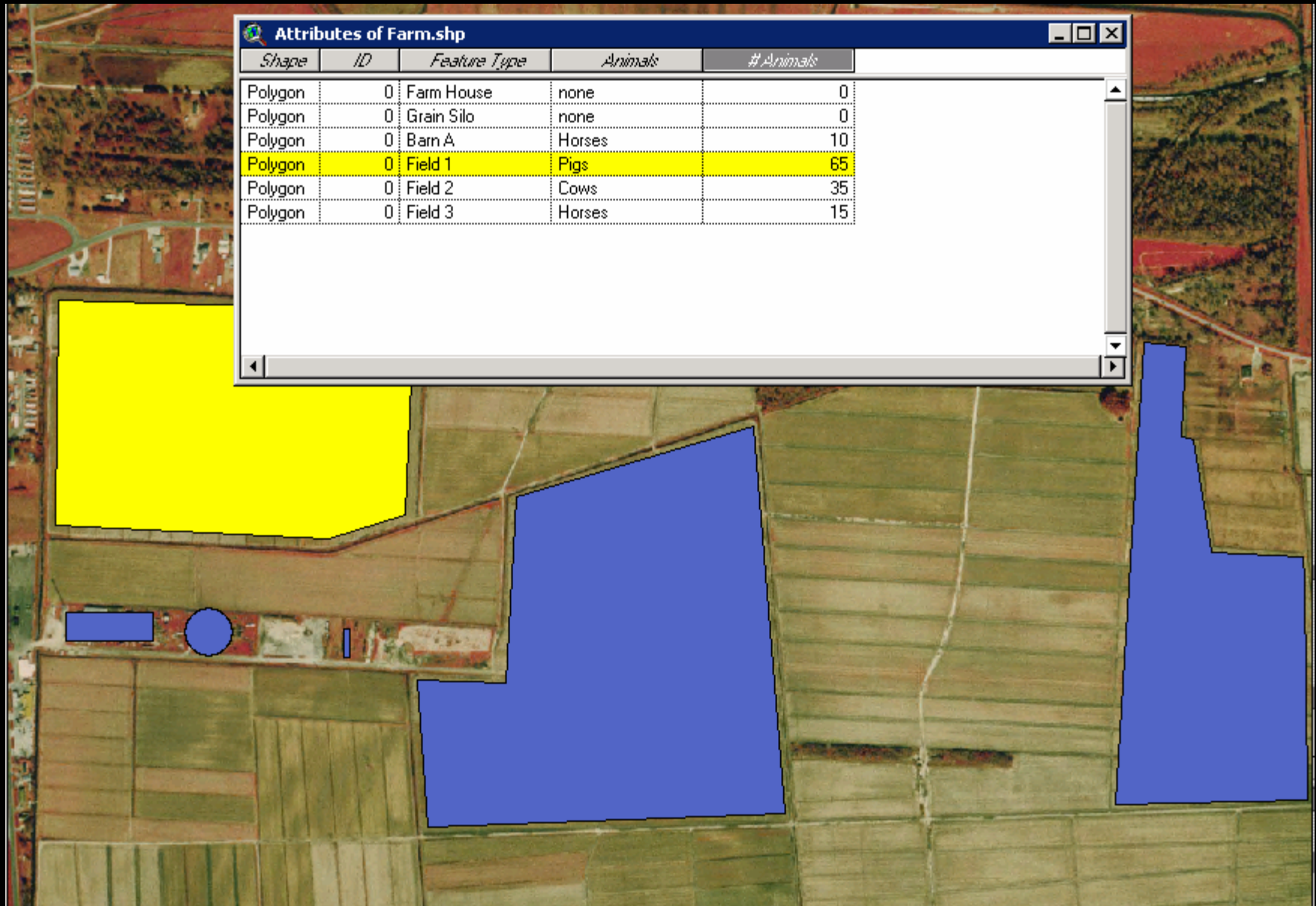*and have been visited by a feed truck within the last 24 hours*

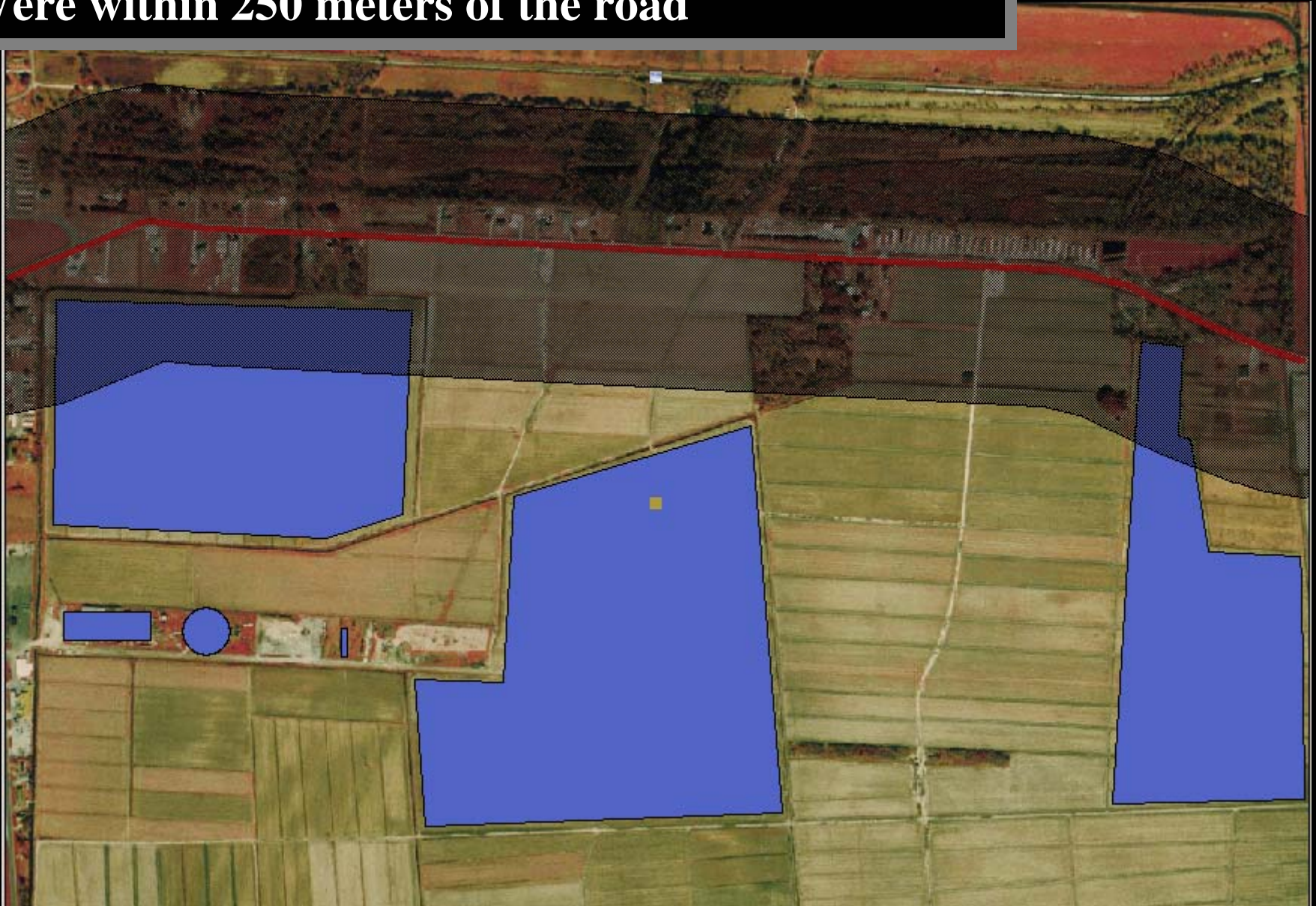Collecting relevant information from a farm
Farm house, barns, fields

A: Heads-up digitize the features

B: Collect Data and Input into the GIS

Shape	ID	Feature Type	Animals	#Animals
Polygon	0	Farm House	none	0
Polygon	0	Grain Silo	none	0
Polygon	0	Barn A	Horses	10
Polygon	0	Field 1	Pigs	65
Polygon	0	Field 2	Cows	35
Polygon	0	Field 3	Horses	15

Attributes of Farm.shp

In the event of an attack, which fields and animals
Were within 250 meters of the road

Identifying the tools needed for data collection during an attack
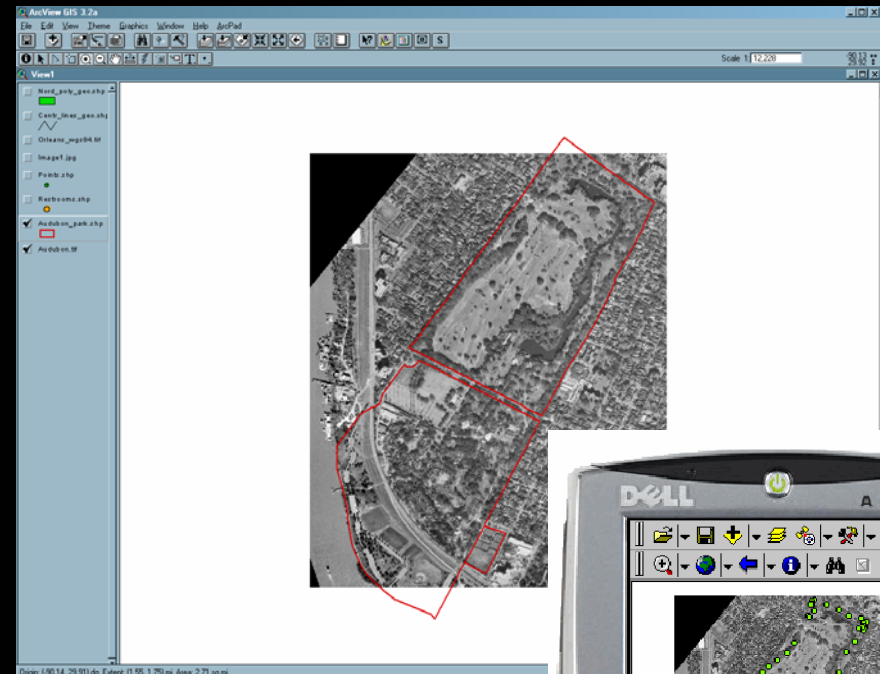
A: Field Units
B: Scan / Register images
C: Heads-Up Digitize

Previously:

Existing GIS layer (air photo)

Scan and register plan / map

Digitize key features (barns)

A: Field Units

Dell Axiom running a GPS

Can have any of the previous GIS layers
On screen

Can navigate / relay data
back to command
(through cell connection)

Can be used to Validate models

is the disease here?

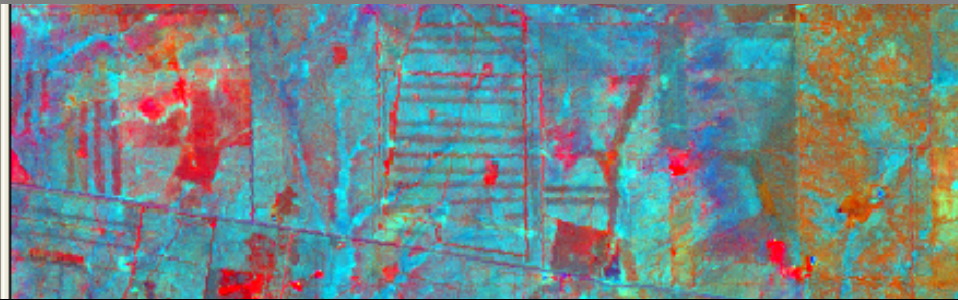*does this farm have the animals we thought?*

Can be used to add more information

Is the quarantine in place?

Are the vaccine stocks there?

Are they running low?

An example of collecting data from the field

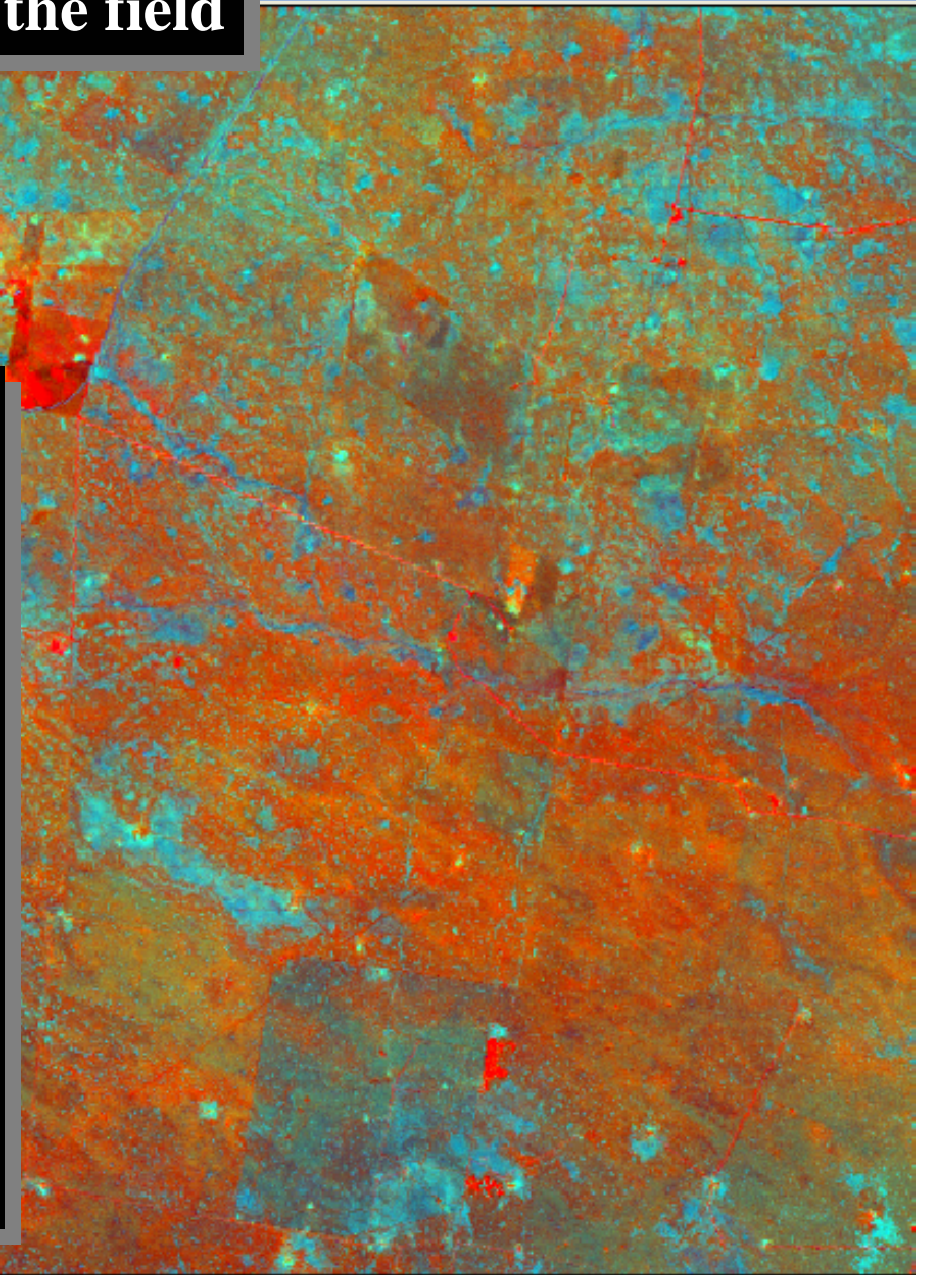Searching for Anthrax on a Ranch

LANDSAT 7

Enhanced Thematic Mapper

Red = Arid / Dry

Blue = Wet

Green = Vegetation

.05) m Extent: (14.56, 9.59) mi Area: 139.57 sq mi

Zoom in – Bones were found and collected for Anthrax testing

Wanted to be able to identify which soil samples are likely to Contain Anthrax spores